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**PATENT**

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: John N. Hryn et al.

Application: ELECTRODIALYSIS OPERATION WITH BUFFER SOLUTION

Serial No.: 10/824,741

Filing Date: April 15, 2004

Examiner: Arun S. Phasge

Art Unit: 1753

Conf. No.: 7059

Case No.: 0003/01269

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, pursuant to 37 C.F.R. §1.8 addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450 on August 23, 2006.

Timothy L. Harney  
Name of Representative

[Signature]  
Signature of Representative

8/23/06  
Date of Signature

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants submit this Amendment in response to the Office Action dated March 24, 2005. Claims 1-20 were rejected. By this amendment, claims 4 and 8 are cancelled and claims 1-3, 5, 9, 14, 15 and 20 are amended. A Petition for Extension of Time is being filed contemporaneously herewith.

**Amendments to the Claims** are reflected in the listing of claims beginning on page 3 of this paper.

**Amendments to the Drawings** begin on page 6 of this paper.

**Remarks/Arguments** begin on page 7 this paper.

An **Appendix** including Replacement Sheets 1-3 and Annotated Sheets 1-3 are attached as an APPENDIX following page 12 of this paper.